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Docket No. 21419 US (C038435/0185660) #4.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*In re* Application of: )  
Tatsuo HOSHINO *et al.* )  
Serial No.: 10/528,845 ) Examiner: Not yet assigned  
Filed: March 23, 2005 ) Art Unit: Not yet assigned  
For: **A GENE ENCODING VITAMIN B<sub>6</sub>** )  
**PHOSPHATE PHOSPHATASE** )  
**AND USE THEREOF** )

New York, New York  
January 12, 2006

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**  
**UNDER 35 U.S.C. § 371 AND SUPPLEMENTAL PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. § 371 mailed December 7, 2005 ("Notice") for the above-identified application, Applicants submit herewith the following:

1. A copy of the Notification Of Missing Requirements Under 35 U.S.C. 371 In the United States Designated/Elected Office (DO/EO/US) (Exhibit 1);
2. an executed Declaration and Power of Attorney in compliance with Rule 37 CFR §1.497(a) and (b) (Exhibit 2);

3. a check in the amount of \$130.00 to cover the fee;
4. a copy of the Raw Sequence Listing Error Report (Exhibit 3);
5. a Substitute Sequence Listing (Exhibit 4); and
6. a Computer Readable Format Version of the Substitute Sequence Listing (Exhibit 5).

If our check is missing or otherwise insufficient, or if any additional fees are required, the Commissioner is authorized to charge (or credit any overpayment) to Deposit Account No. 02-4467. A duplicate copy of this communication is enclosed.

Please amend the application as follows:

**AMENDMENTS TO THE SPECIFICATION** begin on page 3 of this paper.

**AMENDMENTS TO THE CLAIMS:** NONE.

**REMARKS** begin on page 4 of this paper.

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